

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20030134654"	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/11 21:27
L2	0	("2003/0134654").URPN.	USPAT	OR	ON	2005/05/11 22:10
L3	1	2003-730598.NRAN.	DERWENT	OR	ON	2005/05/11 22:10
S1	1	"20030134654"	US_PGPUB; USPAT	OR	OFF	2004/08/24 18:16
S2	1440	455/522.ccls.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/08/19 11:05
S3	78	((455/522).CCLS.) and (((2nd" second two various multiple) near5 threshold) and (((select\$4 pick\$4 assign\$4 chos\$3 choos\$4 prefer\$4) with ((base adj2 station) bts)) same power))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 17:37
S4	11	("5267261" "5564075" "5646937" "5710974" "5771451" "5774809" "5809430" "6029070" "6064890" "6141555" "6175745").PN. "6539233".URPN.	USPAT	OR	OFF	2004/08/18 17:33
S5	0		USPAT	OR	OFF	2004/08/18 17:35
S6	5	((455/522).CCLS.) and (((2nd" second two various multiple) near5 threshold) and (((select\$4 pick\$4 assign\$4 chos\$3 choos\$4 prefer\$4) with ((base adj2 station) bts)) same power)) and (((455/522).CCLS.) and (reflect\$4 same (path down\$2(link up\$4(link))))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 17:40
S7	1	455/522.ccls. and 455/106.ccls.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 17:40

S8	100	455/522.ccls. and ((reflect\$4 same (path down\$2link up\$4link))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 17:50
S9	12	455/522.ccls. and (reflect\$4 same (path down\$2link up\$4link) same obstacle)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 17:53
S10	170	455/13.4.ccls.	USPAT	OR	OFF	2004/08/18 18:08
S11	44	455/13.4.ccls. and 455/522.ccls.	USPAT	OR	OFF	2004/08/18 18:14
S12	335	455/522.ccls. and ((power with control with (command signal instruction)) same threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 18:38
S13	38	(455/522.ccls. and ((power with control with (command signal instruction)) same threshold)) and (down\$2link same (most highest maximum greatest foremost best))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 18:18
S14	1	"6587672".URPN.	USPAT	OR	OFF	2004/08/18 18:22
S15	7	("4479252" "5386589" "5629934" "5794129" "5933781" "5999826" "6208873").PN.	USPAT	OR	OFF	2004/08/18 18:22
S16	10	"5940430".URPN.	USPAT	OR	OFF	2004/08/18 18:29
S17	12	("521692" "5245629" "5267262" "5333175" "5386589" "5396516" "5430889" "5475861" "5574983" "5623484" "5625876" "5652748").PN.	USPAT	OR	OFF	2004/08/18 18:32
S18	5	455/522.ccls. and ((power with control with (command signal instruction)) same threshold) and ((high near3 transfer near3 rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 18:41

S19	23	(455/522 and 455/524).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 19:12
S20	31	((Masuda near2 Noboru) (Kawamoto near2 Kiyoshi) (Masuda near2 Satoshi)). in. and (power with control)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/18 19:14
S21	217	455/522.ccls. and (((power near3 control near (signal message instruction command)) with ((increment\$4 maximiz\$4 rising rise (step\$4 adj2 up) increase\$4 (power adj2 up)) and (lower\$4 decrement\$4 decrease\$4 (step\$4 adj2 down) drop\$4 reduc\$4 (power adj2 down)))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 11:15
S22	286	455/522.ccls. and (((power near3 control\$5 near3 (signal message instruction command)) with ((increment\$4 maximiz\$4 rising rise (step\$4 adj2 up) increase\$4 (power adj2 up)) and (lower\$4 decrement\$4 decrease\$4 (step\$4 adj2 down) drop\$4 reduc\$4 (power adj2 down)))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 11:21
S23	4	(455/522.ccls. and (((power near3 control\$5 near3 (signal message instruction command)) with ((increment\$4 maximiz\$4 rising rise (step\$4 adj2 up) increase\$4 (power adj2 up)) and (lower\$4 decrement\$4 decrease\$4 (step\$4 adj2 down) drop\$4 reduc\$4 (power adj2 down))))) and (obstacle with reflect\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 11:20
S24	247	(455/522.ccls. and (((power near3 control\$5 near3 (signal message instruction command)) with ((increment\$4 maximiz\$4 rising rise (step\$4 adj2 up) increase\$4 (power adj2 up)) and (lower\$4 decrement\$4 decrease\$4 (step\$4 adj2 down) drop\$4 reduc\$4 (power adj2 down))))) and (@rlad<"20020111" @ad<"20020111")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 11:24
S25	79	455/522.ccls. and (((power near3 control\$5 near3 (signal message instruction command)) with ((increment\$4 maximiz\$4 rising rise (step\$4 adj2 up) increase\$4 (power adj2 up)) and (lower\$4 decrement\$4 decrease\$4 (step\$4 adj2 down) drop\$4 reduc\$4 (power adj2 down))))) same threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 11:24

S26	68	((455/522.ccls. and (((power near3 control\$5 near3 (signal message instruction command)) with ((increment\$4 maximiz\$4 rising rise (step\$4 adj2 up) increas\$4 (power adj2 up)) and (lower\$4 decrement\$4 decreas\$4 (step\$4 adj2 down) drop\$4 reduc\$4 (power adj2 down)))) same threshold)) and (@rlad<"20020111" @ad<"20020111")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 17:23
S27	33	((455/522.ccls. and (((power near3 control\$5 near3 (signal message instruction command)) with ((increment\$4 maximiz\$4 rising rise (step\$4 adj2 up) increas\$4 (power adj2 up)) and (lower\$4 decrement\$4 decreas\$4 (step\$4 adj2 down) drop\$4 reduc\$4 (power adj2 down)))) same threshold)) and (@rlad<"20020111" @ad<"20020111")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 11:45
S28	39	((455/522.ccls. and (((power near3 control\$5 near3 (signal message instruction command)) with ((increment\$4 maximiz\$4 rising rise (step\$4 adj2 up) increas\$4 (power adj2 up)) and (lower\$4 decrement\$4 decreas\$4 (step\$4 adj2 down) drop\$4 reduc\$4 (power adj2 down)))) same threshold)) and (@rlad<"20020111" @ad<"20020111") and ((two "2nd" second various multiple plural plurality "more than one" different many several) near3 threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 11:45
S29	21	((455/522.ccls. and (((power near3 control\$5 near3 (signal message instruction command)) with ((increment\$4 maximiz\$4 rising rise (step\$4 adj2 up) increas\$4 (power adj2 up)) and (lower\$4 decrement\$4 decreas\$4 (step\$4 adj2 down) drop\$4 reduc\$4 (power adj2 down)))) same threshold)) and (@rlad<"20020111" @ad<"20020111") and ((two "2nd" second various multiple plural plurality "more than one" different many several) near3 threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/08/19 11:44

S30	14	(US-5305468-\$ or US-5815798-\$ or US-6075974-\$ or US-6374085-\$ or US-6418321-\$ or US-6385437-\$ or US-6628924-\$ or US-6760597-\$).did. or (US-20010023188-\$ or US-20030045318-\$ or US-20040062225-\$ or US-20040132477-\$ or US-20020077111-\$ or US-20010011024-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/08/19 11:51
S31	23	(US-6587672-\$ or US-6385183-\$ or US-5920823-\$ or US-5245629-\$ or US-6697343-\$ or US-6259928-\$ or US-5933781-\$ or US-6539233-\$ or US-6671512-\$ or US-6397043-\$ or US-6351651-\$ or US-6731949-\$ or US-5940430-\$ or US-6064890-\$ or US-6175745-\$).did. or (US-20020098860-\$ or US-20010019962-\$ or US-20020052215-\$ or US-20020077141-\$ or US-20030125068-\$ or US-20030087660-\$ or US-20030144020-\$ or US-20030045321-\$).did.	US-PGPUB; USPAT	OR	OFF	2004/08/19 11:51
S32	0	"6731949".URPN.				
S33	13	("5056109" "5101501" "5216692" "5267262" "5455967" "5559790" "5590409" "6070084" "6118983" "6137840" "6144861" "6154659" "6307844").PN.	USPAT; USPAT	OR	OFF	2004/08/19 13:14
S34	126	((power with control with (signal command instruction message) same (BS\$2ID ((base adj2 station) with (id identification))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 17:36
S35	5	((power with control with (signal command instruction message) same (BS\$2ID ((base adj2 station) with (id identification)))) same threshold	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 17:25
S36	2	((power with control with (signal command instruction message) same (BS\$2ID ((base adj2 station) with (id identification)))) same threshold) and 455/522.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 17:26
S37	23	((power with control with (signal command instruction message) same (BS\$2ID ((base adj2 station) with (id identification)))) and 455/522.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 17:26

S38	3	(power with control with (signal command instruction message)) same (BS\$2ID ((base adj2 station) with (id identification))) and threshold and (strong\$4 with pilot)	US-PGPUB; US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 17:38
S39	29	(power with control with (signal command instruction message)) and (BS\$2ID ((base adj2 station) with (id identification))) and threshold and (strong\$4 with pilot)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 17:50
S40	3	(((power power\$2up power\$2down) with control) same (increas\$4 increment\$4 decreas\$4 decrement\$4 lower\$4 maximiz\$4 step\$2up step\$2down drop\$4 reducing rise rising)) same threshold and (((BS\$2ID (base adj2 station) bts) with (id identification)) same (pilot) same (select\$4 chos\$3 choos\$4 prefer\$4 strong\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 18:03
S41	0	"6741861".URPN.	USPAT	OR	OFF	2004/08/19 17:58
S42	7	("5544196" "5673259" "5802465" "5828662" "6052594" "6256301" "6366779").PN.	USPAT	OR	OFF	2004/08/19 17:58
S43	8	"6366779".URPN.	USPAT	OR	ON	2004/08/19 17:58
S44	2	455/522.ccls, and (((power power\$2up power\$2down) with control) and (increas\$4 increment\$4 decreas\$4 decrement\$4 lower\$4 maximiz\$4 step\$2up step\$2down drop\$4 reducing rise rising)) and threshold and (((BS\$2ID (base adj2 station) bts) with (id identification)) same (pilot) same (select\$4 chos\$3 choos\$4 prefer\$4 strong\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/08/19 18:09
S45	15	455/522.ccls, and (((power power\$2up power\$2down) with control) and (increas\$4 increment\$4 decreas\$4 decrement\$4 lower\$4 maximiz\$4 step\$2up step\$2down drop\$4 reducing rise rising)) and threshold and (((BS\$2ID (base adj2 station) bts) with (id identification)) same (select\$4 chos\$3 choos\$4 prefer\$4 strong\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 18:09
S46	7	455/522.ccls, and (((power power\$2up power\$2down) with control) and (increas\$4 increment\$4 decreas\$4 decrement\$4 lower\$4 maximiz\$4 step\$2up step\$2down drop\$4 reducing rise rising)) and threshold and (((BS\$2ID (base adj2 station) bts) with (id identification)) same (select\$4 chos\$3 choos\$4 prefer\$4 strong\$4) same power)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 19:28

S47	15	((455/522 "370"/\$).ccls. and (((power power\$2up power\$2down) with control) and (increas\$4 increment\$4 decreas\$4 decrements\$4 lower\$4 maximiz\$4 step\$2up step\$2down drop\$4 reducing rise rising)) and threshold) and (((BS\$2ID (base adj2 station) bts) with (id identification)) same (select\$4 chos\$3 choos\$4 prefer\$4 strong\$4) same power) (455/522 and 370/318).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 18:16
S48	101		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 18:14
S49	5	((455/522 and 370/318).ccls.) and (((((power power\$2up power\$2down) with control) and (increas\$4 increment\$4 decreas\$4 decrements\$4 lower\$4 maximiz\$4 step\$2up step\$2down drop\$4 reducing rise rising)) and threshold) and (((BS\$2ID (base adj2 station) bts) with (id identification))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 18:36
S50	1	"6405021".pn. and (id identification)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 19:26
S51	20	((((power power\$2up power\$2down) same control\$4 same ((maximiz\$4 increas\$4 increment\$4 rise rising step\$2up) and (decreas\$4 decrement\$4 lower\$4 step\$2down drop\$4 reduc\$4)) same ((uplink foward) and (downlink reverse))) and (threshold (target with quality)) and (((base adj2 station) bts) with (id identification)) bs\$2id))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 17:26
S52	27	((power power\$2up power\$2down) same control\$4 same ((maximiz\$4 increas\$4 increment\$4 rise rising step\$2up) and (decreas\$4 decrement\$4 lower\$4 step\$2down drop\$4 reduc\$4)) same ((uplink foward) and (downlink reverse))) and (threshold (target with quality)) and (((base adj2 station) bts) with (id identification)) bs\$2id cell\$2ID (cell with (id identification)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 19:38
S53	9	((((power power\$2up power\$2down) same control\$4 same ((maximiz\$4 increas\$4 increment\$4 rise rising step\$2up) and (decreas\$4 decrement\$4 lower\$4 step\$2down drop\$4 reduc\$4)) same ((uplink foward) and (downlink reverse))) and (threshold (target with quality)) and (((base adj2 station) bts) with (id identification)) bs\$2id cell\$2ID (cell with (id identification)))) and (455/522 370/318).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 17:27

S54	18	((((power power\$2up power\$2down) same control\$4 same ((maximiz\$4 increase\$4 increment\$4 rise rising step\$2up) and (decreas\$4 decrement\$4 lower\$4 step\$2down drop\$4 reduc\$4)) same ((uplink forward) and (downlink reverse))) and (threshold (target with quality)) and (((((base adj2 station) bts) with (id identification)) bts\$2id cell\$2ID (cell with (id identification))) not (((((power power\$2up power\$2down) same control\$4 same ((maximiz\$4 increase\$4 increment\$4 rise rising step\$2up) and (decreas\$4 decrement\$4 lower\$4 step\$2down drop\$4 reduc\$4)) same ((uplink forward) and (downlink reverse))) and (threshold (target with quality)) and (((((base adj2 station) bts) with (id identification)) bts\$2id cell\$2ID (cell with (id identification)))))) and (455/522 370/318).ccls.)	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/19 20:08
S55	0	"6658252".URPN.	USPAT	OR	OFF	2004/08/19 19:42
S56	16	("5309503" "5345467" "5432843" "5517674" "5666656" "5701585" "5913169" "5920817" "6009327" "6078570" "6085088" "6108322" "611864" "6122265" "6141555" "6208860").PN.	USPAT	OR	OFF	2004/08/19 19:42
S57	1	"06046537"	JPO	OR	ON	2004/08/19 20:09
S58	1	"06046538"	JPO	OR	ON	2004/08/19 21:15
S59	1	"6448489".pn.	USPAT	OR	ON	2004/08/19 21:16
S60	1	"6448489".URPN.	USPAT	OR	OFF	2004/08/19 21:15
S61	1	"4472641".PN.	USPAT	OR	OFF	2004/08/19 21:16
S62	4	059144327 08046231 09065657 09261949 09294340 11318042	JPO	OR	ON	2004/08/19 21:20
S63	4	0590144327 08046231 09065657 09261949 09294340 11318042	JPO	OR	ON	2004/08/19 21:20
S64	4	08046231 09065657 09261949 09294340 11318042	JPO	OR	ON	2004/08/19 21:22
S65	22	(solar with cell) same (voltage with boost\$4)	JPO	OR	ON	2004/08/19 21:24
S66	15	((solar with cell) same (voltage with boost\$4)) and (@pd<"20000630")	JPO	OR	ON	2004/08/19 21:27
S67	4	(voltage with boost\$4) same relay same (solar near3 cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 21:29
S68	4	(voltage with boost\$4) same relay same ((solar photo\$2volt\$4) near3 cell)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 21:29

S69	4	((voltage with boost\$4) same ((solar photo\$2volt\$4) near3 cell)) and (batter\$4 same ((solar photo\$2volt\$4) near3 cell)) same relay)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 21:30
S70	97	((voltage with boost\$4) same ((solar photo\$2volt\$4) near3 cell))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/19 21:31
S71	21	((voltage with boost\$4) same ((solar photo\$2volt\$4) near3 cell))) and (((handy personal movable mobile portable radio RF cellular wire\$2less cord\$2less handheld transportable) near2 (unit station terminal subscriber device apparatus phone telephone)) pda mu cell\$2phone hand\$2set)) 323/906.cc1s.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/20 09:29
S72	295		US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/20 09:29
S73	43	323/906.cc1s. and (((solar photo\$2volt\$4 sun) with cell) same battery same (switch\$4 relay))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/20 09:31
S74	27	(323/906.cc1s. and (((solar photo\$2volt\$4 sun) with cell) same battery same (switch\$4 relay))) and ((step\$2up boost\$4 increment\$4 increase\$4) with voltage)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/20 11:39
S75	11	"5592074".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/08/20 11:42
S76	2	(5592074 5579388).pn.	USPAT	OR	ON	2004/08/20 13:01
S77	4	"19521135"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/08/20 13:01
S78	5	"5579388".URPN.	USPAT	OR	OFF	2004/08/20 17:13
S79	742	(power with control\$4 with (instruction command\$5 mandate message signal)) same ((up\$2link foward) and (downlink reverse))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 17:23

S80	213	((power with control\$4 with (instruction command\$5 mandate message signal)) same ((up\$2link foward) and (downlink reverse))) and (455/522 370/318).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 17:51
S81	76627	((power power\$2up power\$2down) same ((maximiz\$4 increas\$4 increment\$4 rise rising step\$2up) and (decreas\$4 decrement\$4 lower\$4 step\$2down drop\$4 reduc\$4))) and (threshold (target with quality) (reference with value))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 17:35
S82	140	((power with control\$4 with (instruction command\$5 mandate message signal)) same ((up\$2link foward) and (downlink reverse))) and (455/522 370/318).ccls.) and (((power power\$2up power\$2down) same ((maximiz\$4 increas\$4 increment\$4 rise rising step\$2up) and (decreas\$4 decrement\$4 lower\$4 step\$2down drop\$4 reduc\$4))) and (threshold (target with quality) (reference with value)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 17:29
S83	0	power with control\$4 same (((user near2 terminal) with side) and ((bts (base adj2 station)) with side))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 17:39
S84	117	(power with (control\$4) with ((down\$2link reverse) and (up\$2link forward))).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 17:46
S85	29	((power with (control\$4) with ((down\$2link reverse) and (up\$2link forward))) and ((power with (control\$4) with ((down\$2link reverse) and (up\$2link forward))).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 17:41
S86	17	(power with (control\$4) with ((down\$2link) and (up\$2link))).ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 17:48

S87	300	((power with (control\$4) with ((down\$2link) and (up\$2link))) and ((two "2nd" second various multiple plural plurality "more than one" different many several near5 (threshold ((reference predefined predetermined) with value)) (target with quality)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 17:51
S88	132	((power with (control\$4) with ((down\$2link) and (up\$2link))) and ((two "2nd" second various multiple plural plurality "more than one" different many several near5 (threshold ((reference predefined predetermined) with value)) (target with quality))) and (455/522 370/318).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 19:27
S89	3	"06046538"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/20 19:27
S90	2	"6405021".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 10:17
S91	5	"6405021".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/08/23 10:18
S92	11	("5056109" "5101501" "5455967" "5566165" "5852782" "5893035" "5898682" "6118983" "6163705" "6173162" "6212364").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/08/23 10:20
S93	4	(select\$4 chosen choos\$4) same ((cell bts (base adj2 station)) with (id identity identifier identification)) cell\$2ID BS\$2ID BTS\$2ID) same ((pilot with signal) with strong\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 12:43
S94	3	((select\$4 chosen choos\$4) same ((cell bts (base adj2 station)) with (id identity identifier identification)) cell\$2ID BS\$2ID BTS\$2ID) same ((pilot with signal) with strong\$4)) and ((power with control\$4) same (downlink uplink forward reverse))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 12:43
S95	34	((cell bts (base adj2 station)) with (id identity identifier identification)) cell\$2ID BS\$2ID BTS\$2ID) same ((pilot with signal) with strong\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 13:00

S96	5	((((cell bts (base adj2 station)) with (id identity identifier identification)) and cell\$2ID BS\$2ID BTS\$2ID) same ((pilot with signal) with strong\$4)) and 455/522.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 12:44
S97	107	"5485486".URPN.	USPAT	OR	OFF	2004/08/23 12:45
S98	4	(455/522 and 370/318).ccls. and ((updat\$4 with threshold) and ((power with control) same (uplink downlink)))	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 13:03
S99	6	(455/522 and 370/318).ccls. and (((updat\$4 various second two 2nd multiple "more than one") near5 threshold) and ((power with control) same (uplink downlink)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 13:04
S10	0	(455/522 and 370/318).ccls. and (updat\$4 near5 threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 13:06
S10	1	(455/522 and 370/318).ccls. and (updat\$4 with threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 13:15
S10	2	(455/522 and 370/318).ccls. and (adjust\$4 with threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 13:16
S10	3	(455/522 and 370/318).ccls. and ((adjust\$4 modify\$4) with threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 13:17

S10 4	16	(455/522 and 370/318).ccls. and ((adjust\$4 modify\$4 adaptive) with threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 13:20
S10 5	2	(455/522 and 370/318).ccls. and (adaptive with threshold)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 13:18
S10 6	36	(power with control) and (adaptive near threshold) and (base adj2 station)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 13:19
S10 7	49	(power with control) and (adaptive near threshold) and ((base adj2 station) "455"/\$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 13:20
S10 8	1	(455/522 and 370/318).ccls. and ((adjust\$4 modify\$4) same (new with threshold))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 13:34
S10 9	118	((decrease decrement lower) with power) (power\$2down (power adj down)) with control) and (strong\$4 same (cell (base adj2 station) bts) same (select\$4 chosen choos\$4 prefer\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 14:04
S11 0	0	((decrease decrement lower) with power) (power\$2down (power adj down)) with (another near3 (cell (base adj2 station)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 14:04

S11 1	58	(((((decrease decrement lower) with power) (power\$2down (power adj down))) with control) and (strong\$4 same (cell (base adj2 station) bts) same (select\$4 chosen choos\$4 prefer\$7))) and ("455"/\$ "370"/\$).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/23 13:41
S11 2	11	((((decrease decrement lower) with power) (power\$2down (power adj down))) with control) same (strong\$4 same (cell (base adj2 station) bts) same (select\$4 chosen choos\$4 prefer\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/24 10:02
S11 3	51	("4261054" "4510460" "4602218" "4636741" "4811421" "4870698" "5036532" "5056109" "5093840" "5107225" "5107487" "5129098" "5144258" "5241690" "5257283" "5265119" "5267262" "5278992" "5283536" "5299226" "5345598" "5383219" "5442322" "5452473" "5461639" "5467055" "5485486" "5528593" "5542111" "5564074" "5574747" "5590408" "5603096" "5604730" "5631921" "5655220" "5689815" "5710982" "5719898" "5745842" "5761622" "5787338" "5790940" "5799005" "5809061" "5822318" "5835527" "5887245" "5933761" "6018544" "6018650").PN.	USPAT	OR	OFF	2004/08/23 14:12
S11 4	22	"5790940".URPN.	USPAT	OR	OFF	2004/08/23 14:15
S11 5	132	((first with threshold) same (second with threshold) same (great\$2)) and ((power with control) same (increas\$4 decreas\$4 increment\$4 lower\$4 decrement\$4) and (base adj2 station))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/24 10:05
S11 6	104	((first with threshold) same (second with threshold) same (great\$2)) and ((power with control) same (increas\$4 decreas\$4 increment\$4 lower\$4 decrement\$4) and (base adj2 station)) and (@rlad<"20020111" @ad<"20020111")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/24 11:15
S11 7	37	((first with threshold) same (second with threshold) same (great\$2)) and ((power with control) same (increas\$4 decreas\$4 increment\$4 lower\$4 decrement\$4) and (base adj2 station)) and (@rlad<"20020111" @ad<"20020111") and (455/522 370/318).ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/24 10:54

S11 8	8	455/522.ccls. and ((set\$4 with threshold with (PSTN (mobile near3 switch\$4) msc (network with control\$5)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/24 11:00
S11 9	1	455/522.ccls. and ((set\$4 modif\$5 pre\$2set stor\$4 configur\$4 establish\$4) with threshold with (PSTN (switch\$4 near3 (network system))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/24 11:03
S12 0	2	455/522.ccls. and ((set\$4 modif\$5 pre\$2set stor\$4 configur\$4 establish\$4) with threshold same (PSTN (switch\$4 near3 (network system))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/24 11:04
S12 1	1	370/318.ccls. and ((set\$4 modif\$5 pre\$2set stor\$4 configur\$4 establish\$4) with threshold same (PSTN (switch\$4 near3 (network system))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/24 11:03
S12 2	2	455/522.ccls. and ((set\$4 modif\$5 pre\$2set stor\$4 configur\$4 establish\$4) with threshold same (Internet PSTN (switch\$4 near3 (network system))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/24 11:03
S12 3	1	"6400960".URPN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/24 11:11
S12 4	4	("5673031" "5845117" "5983114" "5987011").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/08/24 11:09
S12 5	106	"455"/\$.ccls. and ((set\$4 modif\$5 pre\$2set stor\$4 configur\$4 establish\$4) with threshold same (Internet PSTN PDN PDSN (switch\$4 near3 (network system))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/24 11:12

S12 6	31	("455"/\$ccls. and ((set\$4 modif\$5 pre\$2set stor\$4 configur\$4 establish\$4) with threshold same (Internet PSTN PDN PDSN (switch\$4 near3 (network system)))) and (power with control\$5))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/24 11:14
S12 7	22	((455"/\$ccls. and ((set\$4 modif\$5 pre\$2set stor\$4 configur\$4 establish\$4) with threshold same (Internet PSTN PDN PDSN (switch\$4 near3 (network system)))) and (power with control\$5)) and (@rlad<"20020111" @ad<"20020111")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/08/24 11:15
S12 8	384	((multiple various different) near5 threshold) and (power with control\$5) and (base adj2 station)	US-PGPUB; USPAT	OR	ON	2004/08/24 20:04
S12 9	138	((multiple various different) near5 threshold) and (power with control\$5) and (base adj2 station) and ((multiple various different) near5 (base adj2 station))	US-PGPUB; USPAT	OR	ON	2004/08/24 18:19
S13 0	26	((multiple various different) near5 threshold) and (power with control\$5) and (base adj2 station) and ((multiple various different) near5 (base adj2 station))) and 455/522.ccls.	US-PGPUB; USPAT	OR	ON	2004/08/24 18:20
S13 1	138	((multiple various different) near5 threshold) and (power with control\$5)) and (((multiple various different) near5 (base adj2 station)))	US-PGPUB; USPAT	OR	ON	2004/08/24 19:41
S13 2	26	(((multiple various different) near5 threshold) and (power with control\$5)) and (((multiple various different) near5 (base adj2 station))) and 455/522.ccls.	US-PGPUB; USPAT	OR	ON	2004/08/24 19:16
S13 3	80	(((cell (base adj2 station) bts\$2 bs\$2) with (id identifier identity identities)) cell\$2ID BS\$3ID bts\$3ID) same (threshold)) and ((second "2nd" "more than one" different various multiple) with threshold) and (power with control\$5)	US-PGPUB; USPAT	OR	ON	2004/08/24 20:03
S13 4	49	((((((cell (base adj2 station) bts\$2 bs\$2) with (id identifier identity identities)) cell\$2ID BS\$3ID bts\$3ID) same (threshold)) and ((second "2nd" "more than one" different various multiple) with threshold) and (power with control\$5)) and ("455"/\$ "370"/\$).ccls.	US-PGPUB; USPAT	OR	ON	2004/08/24 19:41
S13 5	7	("4479252" "5386589" "5629934" "5794129" "59333781" "5999826" "6208873").PN.	USPAT	OR	OFF	2004/08/24 19:34
S13 6	1	455/522.ccls. and (((multiple various different) near5 threshold) with (stor\$4 memory))	US-PGPUB; USPAT	OR	ON	2004/08/24 19:42
S13 7	57	("455"/\$ "370"/\$).ccls. and (((multiple various different) near5 threshold) with ((base adj2 station) bts\$2 bs\$2))	US-PGPUB; USPAT	OR	ON	2004/08/24 19:51

S13 8	0	455/522.ccls. and (threshold same distance same ((location position) with (modif\$5 adjust\$4 updat\$4 chang\$4)) same (increas\$4 decreas\$4 increment\$4 lower\$4 decrement\$4 diminish\$4))	US-PGPUB; USPAT	OR	ON	2004/08/24 19:55
S13 9	38	(power with control\$4) and (threshold same distance same ((location position) with (modif\$5 adjust\$4 updat\$4 chang\$4)) same (increas\$4 decreas\$4 increment\$4 lower\$4 decrement\$4 diminish\$4))	US-PGPUB; USPAT	OR	ON	2004/08/24 20:00
S14 0	6	((power with control\$4) and (threshold same distance same ((location position) with (modif\$5 adjust\$4 updat\$4 chang\$4)) same (increas\$4 decreas\$4 increment\$4 lower\$4 decrement\$4 diminish\$4)))	US-PGPUB; USPAT	OR	ON	2004/08/24 19:55
S14 1	182	((threshold ((quality level target) near4 value)) with (adapt\$4 chang\$4 select\$4 modif\$5 alternat\$4 updat\$4 alter\$4 reduc\$4 increas\$4 increment\$4 chosen)) same (((cell (base adj2 station) bts\$2 bs\$2) with (id identifier identity identities)) cell\$21D BS\$31D bts\$31D))	US-PGPUB; USPAT	OR	ON	2004/08/24 20:04
S14 2	80	((threshold ((quality level target) near4 value)) with (adapt\$4 chang\$4 select\$4 modif\$5 alternat\$4 updat\$4 alter\$4 reduc\$4 increas\$4 increment\$4 chosen)) same (((cell (base adj2 station) bts\$2 bs\$2) with (id identifier identity identities)) cell\$21D BS\$31D bts\$31D)) and ("455"/\$ "370"/\$). ccls.	US-PGPUB; USPAT	OR	ON	2004/08/24 20:12
S14 3	72	((threshold ((quality level target) near4 value)) with (adapt\$4 chang\$4 select\$4 modif\$5 alternat\$4 updat\$4 alter\$4 reduc\$4 increas\$4 increment\$4 choos\$4 chosen)) same (((cell (base adj2 station) bts\$2 bs\$2) with (id identifier identity identities)) cell\$21D BS\$31D bts\$31D)) and ("455"/\$ "370"/\$). ccls.) and (@rlad <"20020111" @ad <"20020111")	US-PGPUB; USPAT	OR	ON	2004/08/24 20:05
S14 4	3	((threshold ((quality level target) near4 value)) with (adapt\$4 chang\$4 select\$4 modif\$5 alternat\$4 updat\$4 alter\$4 reduc\$4 increas\$4 increment\$4 choos\$4 chosen)) same (((cell (base adj2 station) bts\$2 bs\$2) with (id identifier identity identities)) cell\$21D BS\$31D bts\$31D)) and (455/522).ccls.	US-PGPUB; USPAT	OR	ON	2004/08/25 09:49
S14 5	0	("455"/\$ "370"/\$).ccls. and (((detect\$4 discover\$5) with (another other) with (id identifier identification identity)) same (choos\$4 select\$4 alternat\$4 chose\$2 modif\$5 updat\$4 adjust\$4) with (threshold)))	US-PGPUB; USPAT	OR	ON	2004/08/25 09:52
S14 6	1	(((detect\$4 discover\$5) with (another other) with (id identifier identification identity)) same (choos\$4 select\$4 alternat\$4 chose\$2 modif\$5 updat\$4 adjust\$4) with (threshold)))	US-PGPUB; USPAT	OR	ON	2004/08/25 09:54
S14 7	11	(((detect\$4 discover\$5) with (another other different) with (id identifier identification identity)) same (choos\$4 select\$4 alternat\$4 chose\$2 modif\$5 updat\$4 adjust\$4) with (threshold)))	US-PGPUB; USPAT	OR	ON	2004/08/25 09:56

S14	1	"6405021".pn. and (main near2 (base adj2 station))	US-PGPUB; USPAT	OR	ON	2004/08/25 17:03
8						